IN THE CLAIMS:

Before claim 1, please delete the word "Claims" and substitute the following:
What is claimed is:

Please cancel claims 1-15, and add the following new claims 16-29:

1-15. (Canceled)

16. (New) A control rod blade for a boiling water reactor, comprising a plurality of channels arranged to receive an absorber material, a free edge portion with a recess, which includes outlets for said channels, and a cover element, which is arranged to be attached by means of at least one welding operation such that it seals at least a part of said recess, the control rod blade defining a profile element, which, before said welding operation of the cover element is performed, is arranged to be applied against a bottom surface in the recess in a position such that the profile element covers the outlets of said channels.

17. (New) A control rod blade according to claim 16, wherein the profile element has a width which substantially corresponds to a width defined by the bottom surface.

18. (New) A control rod blade according to claim 16, wherein the profile element comprises a substantially plane surface, which is arranged to be applied against a corresponding substantially plane bottom surface.

19. (New) A control rod blade according to claim 16, wherein the profile element comprises at least one curved side portion, which has an extension upwards from the substantially plane surface.

20. (New) A. control rod blade according to claim 16, wherein the profile element has a thickness of about 0.2 - 0.5 mm.

21. (New) A control rod blade according to claim 16, wherein the profile element has a continuous extension along the whole length of the recess .

22. (New) A control rod blade according to claim 16, wherein the profile element is manufactured of a metal material.

23. (New) A control rod blade according to claim 16, wherein the cover element comprises a surface , which is arranged to abut a surface of the profile element when the cover element is applied in the recess .

24. (New) A control rod blade according to claim 23, wherein the contact surfaces of the profile element and the cover element are substantially plane.

25. (New) A control rod blade according to claim 16, wherein the cover element comprises a cover portion , which is arranged to seal the opening of the recess , and a support portion , which has a width, which is less than a width defined by the recess .

26. (New) A control rod blade according to claim 16, wherein the recess comprises a groove which, after that the profile element has been applied in the recess , is arranged to form a passage , which extends between adjacent channels under the profile element .

27. (New) A control rod blade according to claim 16, wherein the cover element is arranged to be attached at the edge portion of the control rod blade by means of two longitudinal weld joints.

28. (New) A control rod blade according to claim 16, wherein the absorber material is powdered.

29. (New) A control rod blade according to claim 28, wherein the absorber material comprises boron carbide.